Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 23 Nov 2023 until 23:59 on Friday 24 Nov 2023

Forecast Issued on Thursday 23 Nov 2023 at 01:39

Confidence: High for rain at first, clearing to a cold, mostly dry Thursday afternoon, followed by a largely sunny Friday and Saturday. Moderate confidence for the timing of milder air and rain returning from the west Sunday. Low confidence for extent of colder conditions retuning Monday.

Headline for Thursday 23 Nov 2023: Morning cloud, rain and drizzle across western hills clearing to colder and brighter weather later. Strong winds, especially across summits.

Mountain weather hazards on Thursday 23 Nov 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Drizzle	Heavy Rain	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability					
40%	40%	70%	30%	<05%	<05%

Forecast for Thursday 23 Nov 2023

Weather: Mainly cloudy through the morning with spells of rain and drizzle, chiefly focused across western ranges. Band of more persistent rain spreading south early afternoon, clearing to allow some afternoon brighter spells. Turning colder following the rain band with freezing level falling to summit level after dark.

Chance of cloud-free hill tops above 600m: Near 0% in west, 20% in east. Increasing after rain clears to near 100% for all by dusk.

Low Cloud and visibility: Cloud obscuring tops above 500m in west, perhaps as low as 300m at time in any heavier bursts of rain or drizzle. Cloud more broken across eastern ranges, but some hills obscured above 500m at times. Otherwise moderate visibility, falling to poor in rain and drizzle. Cloud lifting and breaking during the afternoon, with very good visibility developing across all hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 23 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	32/42 W	36/49 W	34/47 W	26/36 W	27/38 NW	24/34 NW	21/31 NW
300	20/43 W	22/44 W	20/40 W	16/34 W	16/37 NW	15/34 NW	16/35 NW
Valley	15/32 W	13/30 W	14/32 W	12/28 W	11/28 NW	11/28 NW	11/28 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/1	7/1	8/2	7/2	4/-2	3/-3	2/-4
300	9/5	9/5	10/6	9/6	6/2	6/1	4/-1
Valley	11/8	10/8	11/8	10/8	8/5	7/4	6/2
Freezing Level*	2300m	2200m	2100m	2000m	1000m	900m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility through the morning across all high level routes, along with strong blustery winds, and upland gales. Clearer conditions developing during the afternoon, but also turning much colder, especially in winds.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 23 Nov 2023	13mm	13mm	13.8mm

Forecast for Friday 24 Nov 2023

Weather: A much clearer and colder day, with long sunny spells and only occasional cloud. Staying rather breezy, especially at height, leading to a significant wind chill.

Maximum wind: Northwest 30mph gust 40mph gradually easing to Northerly 20 gust 30mph.

Chance of cloud-free hill tops above 600m: Near 100%

Low Cloud and visibility: Very good to excellent visibility expected with distant hills visible.

Temperature: **Valleys:** Minus 1 Celsius rising to Plus 5 Celsius
At 600m: Plus 1 Celsius falling to Minus 2 Celsius after dark.
Freezing level: 400m

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